

Tissue Jeopardy



Tissue
Organization

Epithelial Tissue

Connective
Tissue

Muscular and
Nervous

Kleenex
Tissues?

100

100

100

100

100

200

200

200

200

200

300

300

300

300

300

400

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400

500

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500

Final Jeopardy

Help

- (1) Save a duplicate of this template.
- (2) Enter all answers and questions in the normal view. (view/normal)
- (3) Change the category headings in the normal view (view/normal)
- (4) View as a slideshow.
- (5) Use the home red button after each question.



Tissue Organization-100

- **ANSWER:** This is the layer of cells which differentiate during fetal development to form the different tissue types.
- **QUESTION:** What is the germ layer?

Answer

Question



Tissue Organization-200

- **ANSWER:** These are the three embryonic germ layers and their locations relative to each other.
- **QUESTION:** What are ectoderm (outside), mesoderm (middle) and endoderm (inside)?

Answer

Question



Tissue Organization-300

- **ANSWER:** This is the liquid which surrounds all body cells.
- **QUESTION:** What is extra cellular fluid (ECF)?

Answer

Question



Tissue Organization-400

- **ANSWER:** This is the liquid portion of your blood?
- **QUESTION:** What is plasma?

Answer

Question



Tissue Organization-500

- **ANSWER:** These are the types of cell junctions?
- **QUESTION:** What are tight junctions, gap junctions and desmosomes?

Answer

Question



Epithelial Tissue-100

- **ANSWER:** This is the free surface found on top of all epithelial tissue.
- **QUESTION:** What is the apical surface?

Answer

Question



Epithelial Tissue-200

- **ANSWER:** This is the reason for the cilia or microvilli found on the epithelial tissue lining the air sacs of the lungs.
- **QUESTION:** What is to increase surface area?

Answer

Question



Epithelial Tissue-300

- **ANSWER:** These are three shape classifications for epithelial tissue.
- **QUESTION:** What are squamous, cuboidal, and columnar?

Answer

Question



Epithelial Tissue-400

- **ANSWER:** This surface is considered the “basement membrane” of epithelial tissue.
- **QUESTION:** What is the basal surface?

Answer

Question



Epithelial Tissue-500

- **ANSWER:** This is where epithelial tissue gets its nourishment from.
- **QUESTION:** What is the underlying connective tissue?

Answer

Question



Connective Tissue-100

- **ANSWER:** These are the substances found between the cells and matrices in connective tissue, it is responsible for filtering impurities.
- **QUESTION:** What are ground substances?

Answer

Question



Connective Tissue-200

- **ANSWER:** These are the five general types of connective tissue.
- **QUESTION:** What are dense, loose, blood, bone and cartilage?

Answer

Question



Connective Tissue-300

- **ANSWER:** These are the cellular portion of fat tissue.
- **QUESTION:** What are adipocytes?

Answer

Question



Connective Tissue-400

- **ANSWER:** This type of connective tissue has **NO** ability to heal because it is **avascular**, meaning it has no blood flow.
- **QUESTION:** What is hyaline cartilage?

Answer

Question



Connective Tissue-500

- **ANSWER:** Your intervertebral discs act as your bodies shock absorbers and are composed of this type of cartilage.
- **QUESTION:** What is fibrocartilage?

Answer

Question



Muscular and Nervous-100

- **ANSWER:** These are the three types of muscular tissue?
- **QUESTION:** What are skeletal, cardiac and smooth?

Answer

Question



Muscular and Nervous-200

- **ANSWER:** These are the neuromuscular junctions located between the cells of the tissue making up your heart.
- **QUESTION:** What are intercalated discs?

Answer

Question



Muscular and Nervous-300

- **ANSWER:** These are the cells responsible for transmitting electrical messages throughout your body.
- **QUESTION:** What are neurons?

Answer

Question



Muscular and Nervous-400

- **ANSWER:** These are the cells which make up your skeletal muscle.
- **QUESTION:** What are fibers or striations?

Answer

Question



Muscular and Nervous-500

- **ANSWER:** These are the “support” cells for the information carrying cells in your nervous system.
- **QUESTION:** What are neuroglia?

Answer

Question



Kleenex Tissues?-100

- **ANSWER: Bone is made up of these type of cells.**
- **QUESTION: What are osteocytes?**

Answer

Question



Kleenex Tissues?-200

- **ANSWER:** This is the primary function of elastic connective tissue.
- **QUESTION:** What is stretching?

Answer

Question



Kleenex Tissues?-300

- **ANSWER: Endocrine glands are composed of glandular epithelial tissue and their primary role is to do this.**
- **QUESTION: What is secrete hormones into the blood?**

Answer

Question



Kleenex Tissues?-400

- **ANSWER:** This type of tissue is found in the urinary bladder and its major function is dispensability (ability to stretch and regain shape).
- **QUESTION:** What is transitional epithelium?

Answer

Question



Kleenex Tissues?-500

- **ANSWER:** This is a single layer of epithelial cells which give the appearance of layering.
- **QUESTION:** What is pseudostratified epithelial tissue?

Answer

Question



FINAL JEOPARDY

In essay form and in as much detail as possible outline the basic function of all three types of muscular tissue and explain why skeletal tissue is said to be “voluntary” and smooth and cardiac are considered “involuntary”.

Answer

Question

